National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : B & S GROUP COMPANY (LABORATORY SERVICES), HOWRAH-AMTA ROAD, BALTIKURI, SURKIMILL, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8655 **Page No** 1 of 5

Validity 19/09/2022 to 18/09/2024 **Last Amended on** 28/10/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	ASTM A609/A609M
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	IS 7666
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	IS 9565
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	ASTM A388/388M
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	ASTM E 114
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	IS 8791
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	ASTM A 435/435M
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	ASTM A 578/578M
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	IS 4225
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM E 709
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM E1444/E1444M
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 3703
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Forging)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM A275/A275M
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Pipe, Tube, Weld, Seamless)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 6752
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASME Sec-V (Article-7)
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 5334

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17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous white metal Bonded bearing	Ultrasonic Testing (UT)	ISO 4386 Part 1
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	ASME Sec-V (Article-6)
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	ASTM E165/E165M
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	IS 3658
21	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous materials	Ultrasonic thickness gauging	ASTM E797/E797M
22	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous materials Steel forgings	Ultrasonic Testing(UT)	BS EN 10228 Part- 3
23	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints	Ultrasonic Testing (UT)	Ministry of Defence Standard 02-792 (NES 729) Part -5 Issue No 02
24	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints, Pipe & Tubular products	Ultrasonic Testing (UT)	IS 7343
25	NON-DESTRUCTIVE-METALS & ALLOYS	Solid Forged Steel Wheels	Ultrasonic Testing (UT)	IRS R-19/93 Part II (Rev04) Issue 01
26	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Pipe & Tube	Ultrasonic Testing (UT)	ASTM E 213
27	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	ASME SEC V (Article-4)
28	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	AWS D1.1 (Part F , Table No.6.2& 6.3)
29	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	IS 4260

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Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	ASTM A609/A609M
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	IS 7666
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel casting	Ultrasonic Testing (UT)	IS 9565
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	ASTM A388/388M
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	ASTM E 114
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel forging	Ultrasonic Testing (UT)	IS 8791
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	ASTM A 435/435M
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	ASTM A 578/578M
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic steel plates	Ultrasonic Testing (UT)	IS 4225
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM E 709
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM E1444/E1444M
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Casting, Forging & Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 3703
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Forging)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASTM A275/A275M
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Pipe, Tube, Weld, Seamless)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 6752
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	ASME Sec-V (Article-7)
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials (Weld)	Magnetic particle testing by visual and Fluorescent technique (Yoke Method)	IS 5334

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17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous casting	Radiography Testing (Ir-192)	ASTM E1030/E1030M
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non ferrous casting	Radiography Testing (Ir-192)	ASTM E94/E94M
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous casting, metallic product & materials and welded joints	Radiography Testing (Ir-192)	Ministry of Defence Standard 02-792 (NES 729) Part 1 Issue No 02
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous white metal Bonded bearing	Ultrasonic Testing (UT)	ISO 4386 Part 1
21	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous metallic product & materials	Radiography Testing (Ir-192)	IS 2595
22	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	ASME Sec-V (Article-6)
23	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	ASTM E165/E165M
24	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous Metals	Liquid Penetrant testing	IS 3658
25	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous materials	Ultrasonic thickness gauging	ASTM E797/E797M
26	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous materials Steel forgings	Ultrasonic Testing(UT)	BS EN 10228 Part- 3
27	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous structural welded joints	Radiography Testing (Ir-192)	AWS D1.1 Part-E
28	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints	Radiography Testing (Ir-192)	API 1104 Clause No. 11.1
29	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints	Radiography Testing (Ir-192)	ASME Sec-V (Article-2 & Article 22 SE 94)
30	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints	Radiography Testing (Ir-192)	IS 2825
31	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints	Ultrasonic Testing (UT)	Ministry of Defence Standard 02-792 (NES 729) Part -5 Issue No 02
32	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints on steel plates and casting	Radiography Testing (Ir-192)	IS 1182
33	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous welded joints, Pipe & Tubular products	Ultrasonic Testing (UT)	IS 7343
34	NON-DESTRUCTIVE-METALS & ALLOYS	Solid Forged Steel Wheels	Ultrasonic Testing (UT)	IRS R-19/93 Part II (Rev04) Issue 01

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35	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Pipe & Tube	Ultrasonic Testing (UT)	ASTM E 213
36	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	ASME SEC V (Article-4)
37	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	AWS D1.1 (Part F , Table No.6.2& 6.3)
38	NON-DESTRUCTIVE-METALS & ALLOYS	Weldmet in ferritic steel	Ultrasonic Testing (UT)	IS 4260